In the Claims:

Please amend the claims as follows:

1-21 (cancelled)

22. (currently amended) An electrically controlled broadband group antenna, comprising:

a plurality of antenna radiating elements arranged in a common plane, each antenna radiating element comprising a body arranged on a ground plane that is common to several of the antenna radiating elements, each body comprising a rotationally-symmetrical surface having an axis of rotation substantially perpendicular to the ground plane, the surface of each body having a shape that tapers toward the axis of rotation with increasing distance from the ground plane, the surface of each body being entirely covered with a metallic casing; and

a feeder unit operatively connected to the antenna radiating elements.

23. (previously presented) The group antenna according to claim 22, wherein the ground plane comprises recesses that separate the antenna radiating elements from each other and function electrically as open circuits.

24. (previously presented) The group antenna according to claim 23, wherein the recesses comprise slots.

25. (previously presented) The group antenna according to claim 22, wherein the antenna radiating elements are connected to the ground plane with a breakable connection.

26. (previously presented) The ground antenna according to claim 25, wherein the breakable connection comprises a screw connection.

27. (previously presented) The group antenna according to claim 22, further comprising:

a spacing sleeve arranged at a transition between each rotationally-symmetrical body and the ground plane.

28. (previously presented) The group antenna according to claim 22, further comprising:

two cable bushes arranged in the ground plane for each antenna radiating element; and

a double-conductor arranged in each cable bush, a first of the double-conductors being attached to the antenna radiating element and a second of the double-conductors being attached to an adjacent antenna radiating element.

29. (previously presented) The group antenna according to claim 28, wherein each double-conductor comprises a coaxial cable.

30. (previously presented) The group antenna according to claim 22, wherein the antenna radiating elements are arranged in a rectangular grid.

31. (previously presented) The group antenna according to claim 22, wherein the

antenna radiating elements are arranged in a triangular grid.

32. (previously presented) The group antenna according to claim 27, further comprising: two cable bushes arranged in each spacing sleeve.

33. (previously presented) The group antenna according to claim 22, wherein centers of adjacent antenna radiating elements are arranged at a distance of substantially half a wavelength for a highest working frequency of the group antenna.

34. (previously presented) The group antenna according to claim 22, wherein the feeder unit comprises one or more microwave units that form the common ground plane.

35. (cancelled)

36. (previously amended) The group antenna according to claim 22, wherein a second end of each body comprises means for removably attaching the body to the ground plane.

37. (previously amended) The group antenna according to claim 36, wherein the means for removably attaching the body comprises part of a screw connection.

38. (previously amended) The group antenna according to claim 22, wherein the rotationally-symmetrical surface is substantially conical.

39. (previously amended) The group antenna according to claim 22, wherein the rotationally-symmetrical is substantially a circular paraboloid.

40. (previously amended) The group antenna according to claim 22, wherein the body comprises aluminum.

41. (previously amended) The group antenna according to claim 22, wherein the body is hollow.

42. (previously amended) The group antenna according to claim 22, wherein the body comprises a homogenous metallic material.

43. (cancelled)

44. (previously amended) The group antenna according to claim 27, wherein the spacing sleeve comprises at least one cable bush including a first opening aligned in a radial direction of the spacing sleeve and a second opening aligned parallel with an axis of symmetry of the surface and the sleeve.

45. (cancelled)

46. (cancelled)